Update on Hadron Rejection in sPHENIX

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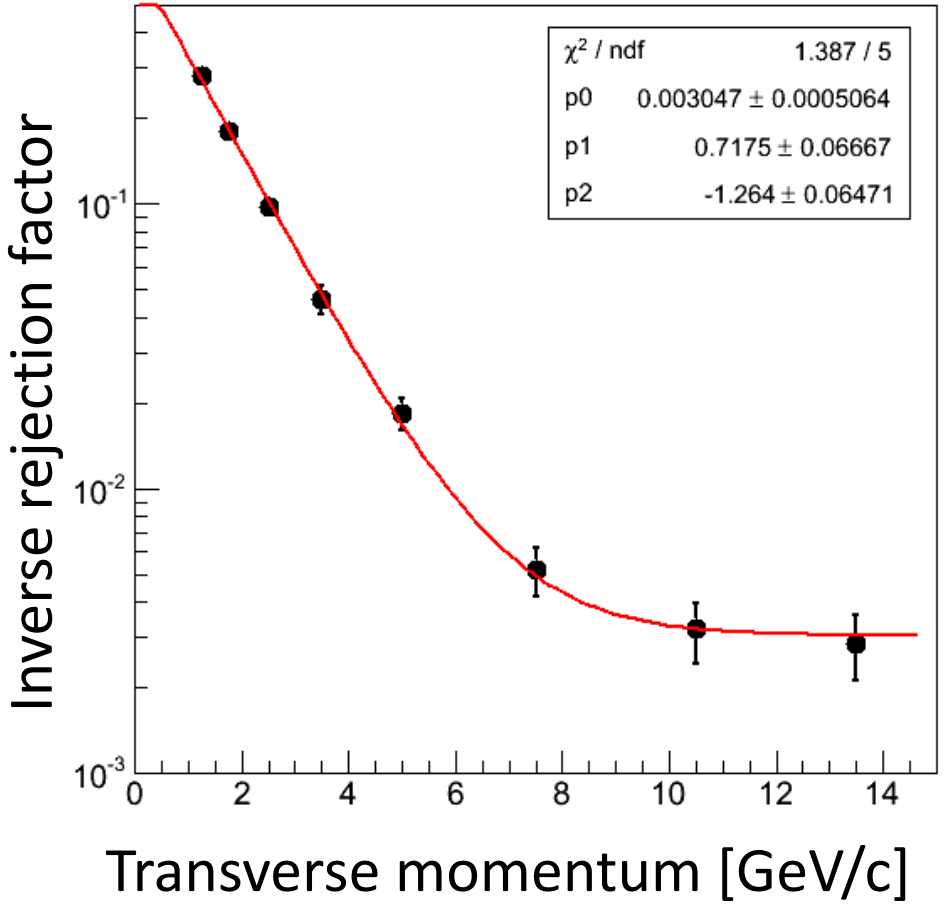
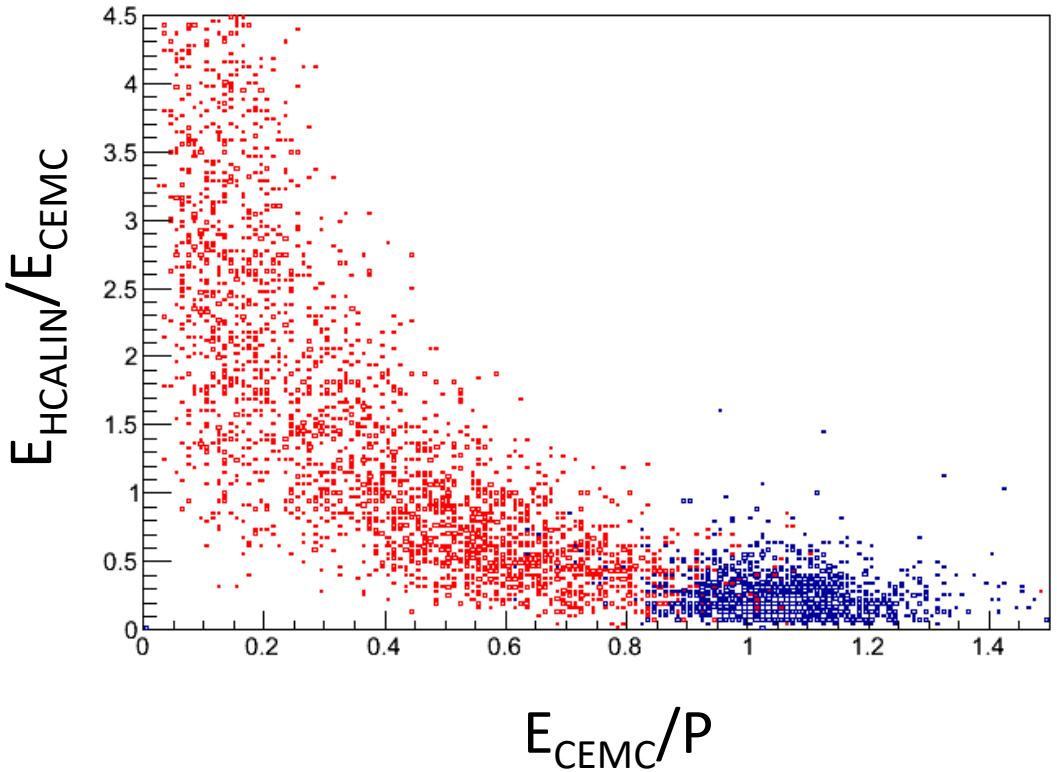
anti-protons

At high p_T rejection is similar to that for pions.
At low p_T anti-protons are the main source of fake electrons

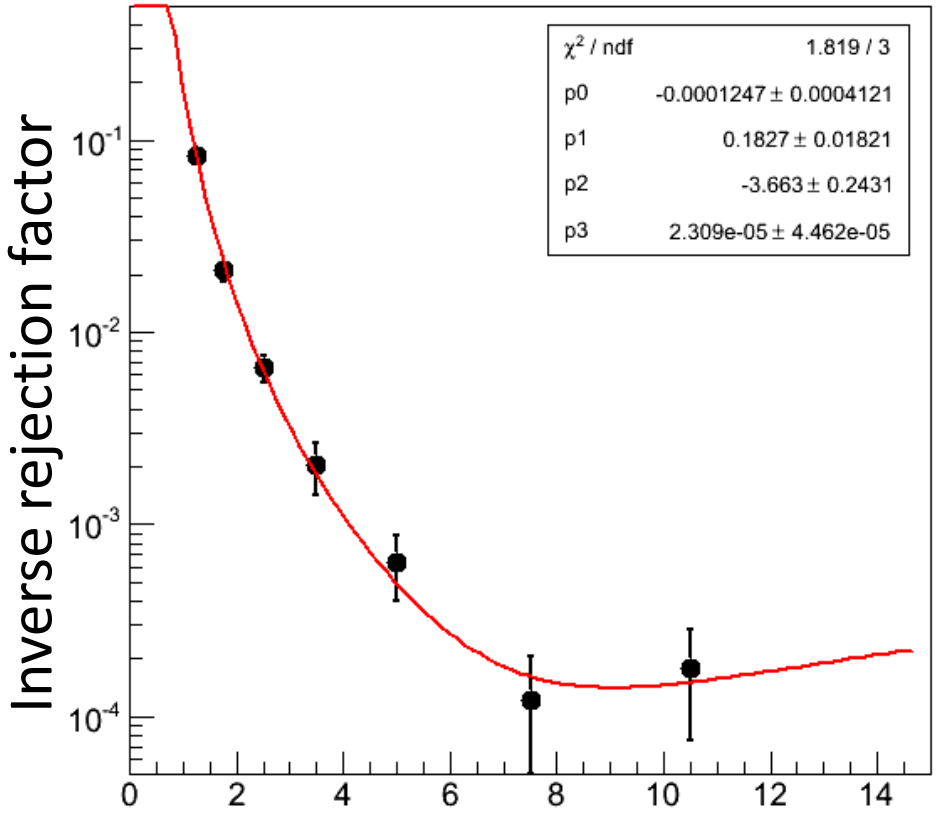


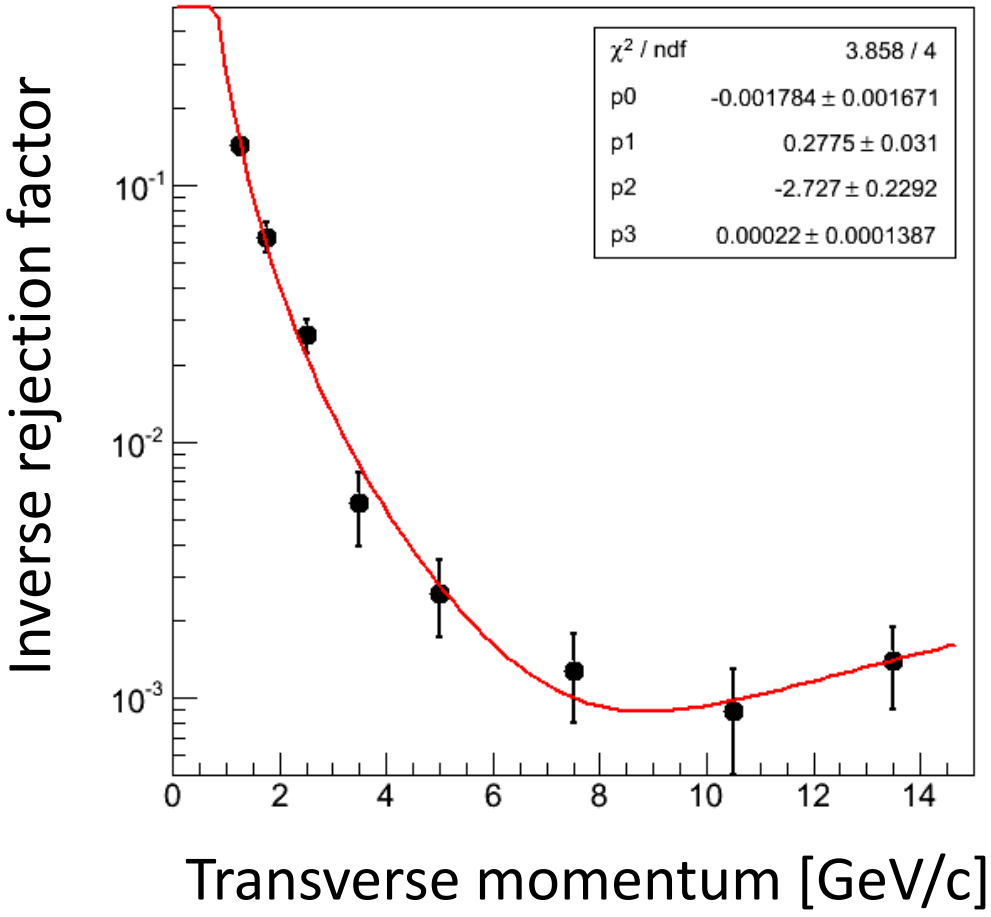
No difference with pions in E_{HCALIN}/E_{CEMC}



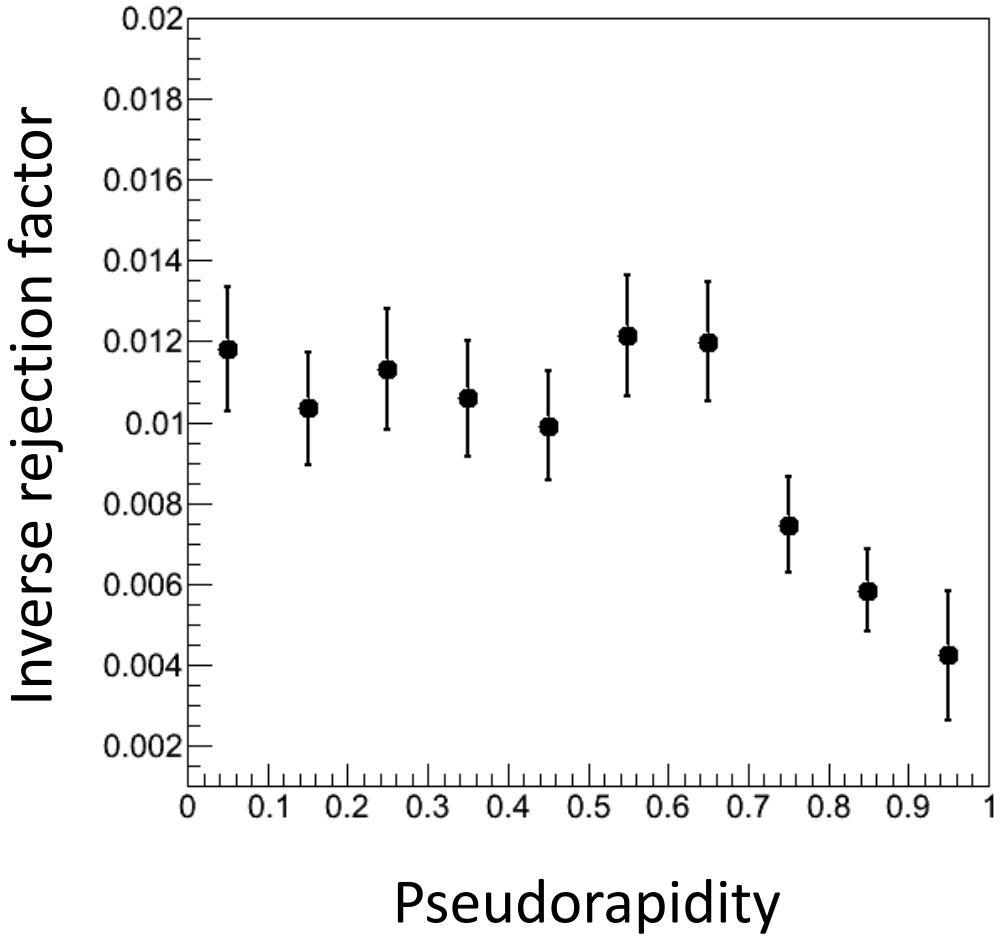
protons and kaons

proton and kaon rejection is better than that for pions





Rejection vs. rapidity for pions



Integrated over all p_T.

Better pion rejection at the edges?

Rejection for 70% eID efficiency

At 70% eID pion rejection is ~2.5 times better that at 90%.
Same for other particles.